

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

- 1-33. (CANCELLED)
34. (NEW) A method of promoting neuronal outgrowth in a neuron comprising contacting the neuron with D-mannose.
35. (NEW) The method of claim 34, further comprising contacting the neuron with a cAMP modulator.
36. (NEW) The method of claim 35, wherein the cAMP modulator is non-hydrolyzable cAMP analogues, adenylate cyclase activators, macrophage-derived factors that stimulate cAMP, macrophage activators, calcium ionophores, phosphodiesterase inhibitors, specific phosphodiesterase IV inhibitors, beta2-adrenoreceptor inhibitors or vasoactive intestinal peptide.
37. (NEW) The method of claims 34-36, further comprising contacting the neuron with oncomodulin.
38. (NEW) The method of claims 34-37, further comprising contacting the neuron with TGF- β .